

Claims

1. A roller device for a movable point of frog, including a sliding strip and at least one roller and at least one roller bearing fixed to a stationary part of the switch, characterized in that the roller(s) (11) is/are mounted on an arm (9) of a double-armed lever, that the pivot bearing (12) of the lever (10) is arranged in a support (13) connected with a stationary part of the switch, and that the arm (18) facing away from the roller(s) (11), of the double-armed lever (10) is pivotable against a spring (19) with adjustable spring power.
2. A roller device according to claim 1, characterized in that the lever arm ratio of the double-armed levers (10) of a switch is each selected to be identical and the respectively shorter lever arm (9) carries the roller(s) (11).
3. A roller device according to claim 1 or 2, characterized in that the pivot bearing (12) of the lever (10) is provided in a substantially U-shaped support (13) and, in particular, in or on the side cheeks of said support (13).
4. A roller device according to claim 1, 2 or 3, characterized in that the lever arm ratio is 2:3 to 1:3, preferably 1:2.
5. A roller device according to any one of claims 1 to 4, characterized in that the lever arm is designed to be cranked.
6. A roller device according to any one of claims 1 to 5, characterized in that the support (13) is fixed to the wing rails (2, 3) or the supporting structure (4, 5) of the switch, and that the adjustment device (20) for the spring (19) in top view is arranged outside the wing rails (2, 3) or the supporting structure (4, 5), respectively.